

In the Claims

Please make the following amendments that are provided by replacement claims. The replacement claims are identified by claim number. Marked-up versions of the amendments to the claims follow the remarks section of this response.

1. (Thrice Amended) A Coriolis flowmeter having a reduced flag dimension comprising:

a first flow tube having an inlet end and an outlet end, said first flow tube forming substantially a semicircle that begins at said inlet end of said first flow tube and ends at said outlet end of said first flow tube;

a second flow tube having an inlet end and an outlet end, said second flow tube forming substantially a semicircle that begins at said inlet end of said second flow tube and ends at said outlet end of said second flow tube;

a driver affixed to said first flow tube at a point on said first flow tube that is substantially perpendicular to a bending axis of said first flow tube, said driver also affixed to said second flow tube at a point on said second flow tube that is substantially perpendicular to a bending axis of said second flow tube, wherein said driver oscillates said first flow tube and said second flow tube in opposition to each other;

a first brace bar affixed to said first flow tube proximate said inlet end of said first flow tube and affixed to said second flow tube proximate said inlet end of said second flow tube;

a second brace bar affixed to said first flow tube proximate said outlet end of said first flow tube and affixed to said second flow tube proximate said outlet end of said second flow tube; and

pick-offs affixed to said first flow tube and said second flow tube in a position that allows said pick-offs to detect a desired amount of Coriolis force at a low amplitude vibration.
